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Lard—Raw and Boiled.
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Water-proof cold-water Paint, inside and outside; in white and colors.

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Alex. Cross & Sons' high-grade Scotch fertilizers, adapted for sugar cane and coffee.
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Reed's patent elastic sectional pipe covering.

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San Francisco, Cal.RISDON IRON AND LOCOMOTIVE
WORKS,
San Francisco, Cal.LANDS
FOR SALE.Lots in King Street Tract from
\$1,500 to \$1,500 a lot, formerly known
as N. Wilcox's premises.Twenty lots in Manoa Valley, for
Merly Montana's Tract, \$3,000 a lot.Four hundred lots in Kalanui Tract
from \$200 to \$250 a lot.Fifty lots in Koko Tract, opposite
Waikiki Island, \$500 a lot.Twenty lots in Puunui Tract 100x200
\$1,000 a lot.

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& CO.Real Estate
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10 WEST KING ST.

The Instruments Used in
The Silent Barber Shop
Are Thoroughly Disinfected
Before Using.
JOSEPH FERNANDEZ, Prop.
ARLINGTON HOTEL, HOTEL ST."To See or
Not to See"

That is the Question.

There's no reason why you
should not see if your glasses are
right—the kind we sell.It is part of our business to at-
tend to those useful members—

YOUR EYES

And that we are meeting with
marked success is evidenced by
the daily increase of our optical
business.We Hate
Bragging,But beg to remind you that nothing
in the way of correcting eyes
troubles, or grinding every kind
of a lens for every kind of eye
trouble is beyond our skill.
'Nough said.

H. F. WICHMAN,

FORT STREET.

A Hot Weather
Combination...A Blue Flame Wick-
less Oil Stove,
A Refrigerator,
An Ice Cream Freezer
A Water Cooler.

See them in the large window display.

The blue flame stove is in operation
and runs from 7 a. m. to 5 p. m. without
any attention. The fuel costs one cent
per hour per burner.NO SMOKE,
NO SMELL,
NO DANGER.W. W.
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and House Furnishing Goods.

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ATORS,
DOUBLE-COATED GRANITE IRON-
WARE.

TRIBUNE!

A GENTLEMAN'S WHEEL

Whitman & Co.,
AGENTS. FORT STREET.MAXWELL ON
OUR WELLSArtesian Water Supply
Assured.

NO FEAR OF THEM FAILING

Authoritative Article on the Subject
From the Distinguished
Scientist.In the Planter's Monthly for June Dr.
Maxwell, the distinguished Honolulu sci-
entist, has an article on our artesian wa-
ter. He draws the conclusion that
though rainfall is the only source of sup-
ply, that it will not fail. The article is
as follows:I take occasion to allude to your very
opportune editorial in the last (May)
number of your journal upon the subject
of our water supply, and to venture what
appears to me to be an immediately nec-
essary explanation. In referring to the
unfortunate collapse of the American Sug-
ar Company and the Kamalo Sugar
Company, you very properly state that
"the only cause that has led to this re-
sult is the lack of water for irrigation
purposes. Molokai has an abundance of
arable land but no streams. Wells were
sunk in different localities which gave
excellent fresh water, but later on the
water in these artesian wells became
too brackish for cane cultivation, and
the work on the American plantation had
to be abandoned." It is the following
paragraph, however, to which I particu-
larly wish to call attention, in which you
say "it would seem possible from this
that what has happened on Molokai may
in future decades be repeated on our other
islands, where artesian wells now
supply abundant fresh water."It is necessary to emphatically distin-
guish between the water proposition as
it was apparent in the said localities on
Molokai, and the water supplies of other
districts upon the several islands. To
persons who looked at the matter of the
rainfall upon Molokai, and the under-
ground discharge of the water to the
sea, it was apparent that the great body
of that discharge was going to the sea
on the side of the island facing the Is-
land of Maui, and, owing to geological
desiderata, nothing more than some
vagrant water would be found slowly work-
ing its way to the ocean under the leads
of Kaunakakai. Before the American
Sugar Company was incorporated, I
strongly put before the promoters the
dire improbability of finding water. A
little sweet water (vagrant water) was
found, as predicted, but the final results
have only too clearly demonstrated the
soundness of the views that were based
on the geological aspects of the situation,
and have shown that the rainfall is wait-
ing into the sea on the other side, where
it was also stated that water should be
found.Mr. Editor, the situation on Molokai
(there are other localities also where
water will not be found) must not be con-
fused with other localities. The geologi-
cal reasons are just as ample and defi-
nite for the presence of a relative abun-
dant of water in locations like Ewa,
Lahaina, or Hahaione as they were em-
phatic against the probability of water
in the said locality on Molokai. Also the
reasons, on geological grounds, which in-
dicated that water would be found in the
above mentioned, and in other localities,
are a guaranty not only for the abun-
dant, but likewise for the constancy and
continuity of the supply. Where water is
found today it will continue to be
found, and in the same abundance, con-
ditional upon the same rainfall that has
heretofore obtained. The rainfall is our
only source of fresh water. The rainfall
varies with the years, consequently the
volume of available water.In a publication some four years ago
I put the average of the annual precipi-
tation upon Oahu at 62½ billion gallons,
and the volume of surface water that
was wasting into the sea at 163 billion
gallons. The results that have followed
the sinking of more wells and the use of
more water in irrigation, and the results
as these have been accentuated by the
past two relatively dry seasons—I say
these results indicate that the calcula-
tions made four years ago may turn out
to be more nearly correct than I at that
time ventured to think. Before the rains
of last month came some of our wells
were getting shaky; since the rains, Prof.
Lyons has reported the response of the
wells to the new mountain supply.Some wells, even upon the best water-
sheds, are more sensitive than others,
which is due to the fact that given local-
ities, like Ewa district, are resting upon
the back of the extreme convergence of
discharge, whilst other localities, and the
wells within them are more upon the
outer edges of the watershed. In anydistrict, however, if the draft upon the
water runs close up to the volume of sup-
ply the wells will show it, and some will
show it sooner than others. I return,
however, to the statement that, where
water is found in abundance today it will
always be found in the same abundance,
providing the rainfall continues the same
as heretofore.To suggest that the rainfall may not
continue as heretofore (providing we do
what we can to maintain it) is beside the
question, and I will not waste time upon
it. I am absolutely sure that the supply
of artesian water will keep up in all
those localities where its abundance is
ample and before our eyes. If more
land continues to be brought under irri-
gation, that does not lessen the natural
supply of water. It may, and it must,
lead to a more scientific and economic
use of the supply. Personally, I am
quite sure that the volume of water that
is being used in given localities today is
capable of rendering double its present
duty—that is, it can be made to furnish
double the present equivalent of sugar.The crucial significance of the water
supply in relation to our sugar crop is
apparent to everybody, and everyone
knows what it would mean if the supply
gave out. It is also very desirable that
no such impression should become cur-
rent, and merely because misfortune has
followed undertakings in certain specific
locations. For such reasons I have thus
ventured to allude to your otherwise
very excellent editorial, and because it
is necessary to place beyond question the
infallibility of the supply in those dis-
tricts where it is now abundant, unless
nature herself utterly reverses her pre-
sent procedure.Remarks.—Dr. Maxwell's communica-
tion relative to the supply of artesian wa-
ter on Oahu will be read with inter-
est, his opinion being that it is practical-
ly inexhaustible, so long as the annual
rainfall continues abundant. There can
be no question that he is correct. That
these subterranean reservoirs are sup-
plied solely by rainfall is proved by the
data of rise and fall kept by the Govern-
ment. The remarks in the May number
of the Planter were intended to show the
necessity of a closer watch over the
waste of water, chiefly from the rice
plantations, on which a continual flow
has been kept up without regard to the
amount required for use and with little
or no restrictions. This is where more
watchfulness is called for, and should be
strictly enforced by law. There are
about 60 artesian wells on Oahu, and the
total number continues to be aug-
mented. While we admit that the rain-
fall in former years was amply sufficient
to keep our wells in good condition, the
time may not be far distant when a ha-
zardous well-boring here must be called.
The annual rainfall on Oahu, and probably on
all the islands of our group, is unmis-
takably decreasing, as every one who
has lived here for thirty, forty or fifty
decades must be well aware of. Were
the full records of rainfall during the
early years of the nineteenth century
obtainable—say, from 1810 to 1850—they
would show years when 40, 50 and per-
haps 60 inches fell annually, while now
the average for the past four years has
fallen below 25 inches, and for 1897 Mr.
W. R. Castle's table in the last Monthly
shows the year's rainfall was only 13.67
inches, and for 1899 18.42 inches is re-
ported. This change has been brought about
almost wholly by the denuding of our
mountain ranges on all the islands of
our group, the ill effects of which are
only now beginning to be felt.WHERE IS WILL
OF D. B. SMITHQuestion of Its Existence is to be
Taken to the Supreme
Court.Whether or not the late D. B. Smith,
the wealthy shoe man who fell dead in
San Francisco last fall, left a will is to
be decided in the Supreme Court of Ha-
waii. After his death no will could be
found and a few days ago Judge Stan-
ley appointed Cecil Brown administra-
tor of the estate as all efforts to un-
earth the will had proved futile.
But yesterday Amoy N. Anin, who
was for many years Mr. Smith's house-
keeper, applied to Judge Stanley for
the probate of the will which has been
lost and the petition having been de-
nied by consent an appeal was at once
taken to the Supreme Court.The petitioner was a legatee under
the will in the sum of \$5000, and she is
said to have positive evidence that Mr.
Smith made the will in question. This
evidence it is asserted consists of several
autograph letters from Mr. Smith
in which he referred to the will and
the provisions that he had made for
her.The case has aroused much interest
among lawyers as it is almost the first
one of its kind that has come up in the
courts of Hawaii.

Gustave Jaeger's Will.

The will of Gustave H. A. Jaeger was
admitted to probate by Judge Stanley
yesterday morning. The estate is val-
ued at \$15,000 and Mrs. Annie Jaeger,
widow of the testator is named as ex-
ecutrix.

New bill at the Orpheum tonight.

VIATOR LAUNCHES A JEREMIAH AT W. R.
LIVINGSTONE, M. A. OXON AND M. A. MELB.EDITOR ADVERTISER: Of the many good things in this morning's Ad-
vertiser not the least is the communication from the reverend gentleman
who so modestly appends to his name a list of geographical terms. My admiration
for both the matter and the manner of his disposition is so enthusiastic I
cannot refrain from giving it some public expression.I do not feel that the Sunday newspaper calls for defense or condemnation
at my hands. It is a purely business proposition, and as such will stand or fall.
True, I have often thought, in the hurry of a busy life, that a Sunday Adver-
tiser would be very welcome on the one morning of the week when I have time
to read a morning paper. I must confess that I have been so hungry for some-
thing in the way of news on Sunday morning as to have bartered sundry nickels
for the Sunday Volcano of sulphurous memory.But let that pass. And I the tongues of men and of angels, I might fitly ex-
press my admiration of the manifold wisdom displayed by Rev. W. R. Living-
stone, M. A. of Oxford and M. A. of Melbourne. How can I—Yankee (and per-
haps "hanky-panky")—as I am, sufficiently express my gratitude for that noble
and classical Latin quotation? How can I evidence my appreciation of that
scholarly allusion to the late Mr. Aristotle? And when I consider the masterly
clearness and precision with which he elucidates the meaning of that most diffi-
cult word "fulfill" I am lost in wonder.In darkest Hawaii a real live M. A. is so rare as to be an object of awe and
veneration. Yet certain of the more stiff-necked among us might not bow the
knee to an M. A. of Oxford only. But who can dispute with a man who is not
only M. A. of Oxford, but also M. A. of Melbourne?How meekly does he advance his claims
to authority! "I am an Apostolic priest," I am inspired by the spirit of truth:
I mediate between sinners and the Most High; I have power to forgive sins:
Behold Me!" With what Christian charity he delivers his opinion of Mr. Moody
and the vast body of those who follow Mr. Moody rather than Mr. Livingstone!
Far be it from me to draw comparisons between sects, but really the phrase
"ignorant Protestants" is pretty good—about as good as "the long-necked geese
of the world."Time fails me to enumerate the many other gems of religion and wisdom scat-
tered with lavishly hand by the reverend gentleman. I lay aside my reluctant pen,
hoping some time again to have the good fortune to hear his "chirrup of glee"
as he meditates upon the good he is doing in "this stupid world." VIATOR.

THE BANK OF HAWAII.

-LIMITED-

Incorporated Under the Laws of the
Republic of Hawaii.

CAPITAL \$400,000.00

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promptly and carefully attend to all
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trusted to it. Sell and Purchase For-
eign Exchange, Issue Letters of Credit

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Ordinary and Term Deposits received
and interest allowed in accordance
with rules and conditions printed in
pass books, copies of which may be
had on application.
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A FINE RESIDENCE AND BEAUTI-
FUL GROUNDS FOR SALE
OR LEASE.

FUNDS Taken Care Of

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Charges moderate.We can legally act as Executor, Ad-
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LIMITED.Capital Stock \$100,000.
Capital paid up \$51,510.

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or sell lands in all parts of the Ha-
waiian Islands; and also has houses in
the City of Honolulu for rent.

ESTABLISHED IN 1853.

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—Bankers—TRANSACT A GENERAL BANKING
AND EXCHANGE BUSINESS.Commercial and Travelers' Letters of
Credit issued, available in all the
Principal Cities of the World.INTEREST allowed after July 1st,
12 1/2 on fixed deposits: 3 months 3 per
cent; 6 months 3 1/2 per cent; 12 months
4 per cent.JUHEI ISHIZUKA
AGENCY OF

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Oceanic Steamship Company

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The Advertiser is delivered to any
city for 75 cents per month.THE FIRST AMERICAN
OF HAWAIIIncorporated under the laws of the
public of Hawaii.Authorized Capital \$1,000,000
Subscribed Capital 750,000
Paid Up Capital 500,000

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Trust Company.New York—J. & W. Seligman &
pany.London—Anglo-Californian
Limited.

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Exchange bought and sold and
terms of Credit issued on all parts of
world.

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HONOLULU, H. I.SAN FRANCISCO AGENTS—
NEVADA NATIONAL BANK
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SAN FRANCISCO—The Nevada
National Bank of San Francisco.LONDON—The Union Bank of Lon-
(Ltd.)NEW YORK—American Exchange
National Bank.CHICAGO—Merchants' National B
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Deposits Received. Loans made
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Company, Oahu Sugar Plantation
Company, Haleakala Ranch Com-
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